

# Converting Colors

Hex(75736B)

Have a look what the booklet for  
Hex(75736B) contains.

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# Color

Hex(75736B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75736B
RGB	117, 115, 107
RGB Percent	46%, 45%, 42%
CMY	0.5412, 0.5490, 0.5804
CMYK	0.00, 0.02, 0.09, 0.54
HSL	48°, 4%, 44%
HSV	48°, 9%, 46%
XYZ	16.1207, 17.1049, 16.3618
YIQ	114.6860, 3.7600, -2.0640

# Conversions

## Conversions Part 2

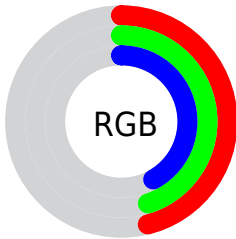
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 117, 107
Decimal	7697259
CIE Lab	48.39, -0.78, 4.69
CIE LCh	48, 4.756, 99.463
Yxy	17.1049, 0.3251, 0.3449
Android (android.graphics.Color)	4285887339 (0xFF75736B)
YUV	114.6860, -3.7892, 2.0294
Hunter-Lab	41.3581, -2.8003, 5.4947

# Details

The Hex color **75736B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6D75**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9A79E**, and **45433C** is the 20% darker color. If you saturate the color by 10%, you get **75715F**, and if you desaturate by 10%, it is **757577**.

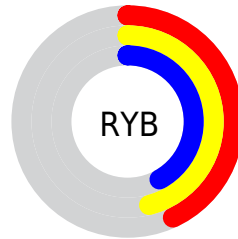
# Distribution



Red (46%)

Green (45%)

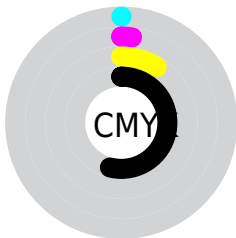
Blue (42%)



Red (43%)

Yellow (46%)

Blue (42%)

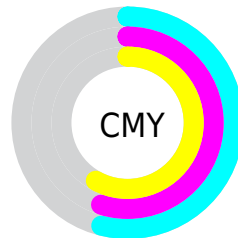


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75736B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 75736B by changing the saturation by 10% instead.



■ 75736B

■ 75736B

FFFFFF

■ 5C5A53

■ A9A79E

■ 45433C

■ C4C2B9

■ 2F2D26

■ E0DED5

■ 1A1811

■ FDFAF1

■ 000000

■ 75736B

■ 75736B

■ 75715F

■ 757577

■ 756E54

■ 757882

■ 756C48

■ 757A8E

■ 756A3C

■ 757C9A

■ 756731

■ 757FA6

■ 756525

■ 7581B1

■ 756319

■ 7583BD

■ 75600D

■ 7586C9

■ 755E02

■ 7588D4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79726B



75736B



70746D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75736B



697578



797176

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75736B



6B6D75

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



757179



75736B



6C747A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75736B



6A7574



70737B



7C7072

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75736B



6D756F



70737B



787177



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75736B



999894



756B6D



4D4C49



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75736B



99968A



72756B



3B3935



7A6200



FAC800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6B6D75



8A8D99



6E6B75



35363B



00187A

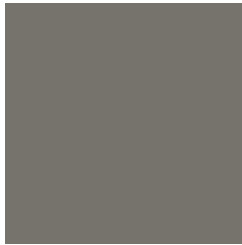


0032FA



# Previews

## White Background



This preview shows how the Hex color 75736B looks on a white background.

## Color Contrast Check

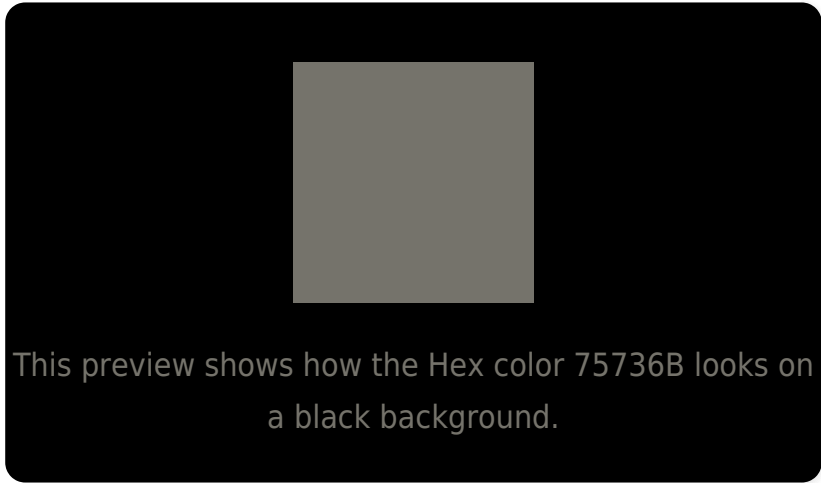
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

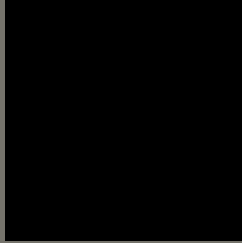
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75736B Background



This preview shows how black text looks on a background with the Hex color 75736B.



This preview shows how white text looks on a background with the Hex color 75736B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
75736B

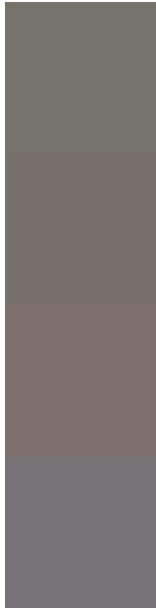
**Protanopia**  
77726B

**Deuteranopia**  
816F6C



**Tritanopia**  
77717A

# Trichromacy



**Original Color**  
75736B

**Protanomaly**  
76726B

**Deuteranomaly**  
7D706C

**Tritanomaly**  
767275

# Monochromacy



**Original Color**  
75736B

**Achromatopsia**  
737373

**Achromatomaly**  
747370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75736B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #75736B looks like.

```
.text, #text, p{  
    color:#75736B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #75736B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75736B
}
```

## Border

The CSS property to change the border of an element to Hex 75736B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75736B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#75736B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #75736B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75736B; -webkit-box-shadow:4px 4px  
4px 4px #75736B; box-shadow:4px 4px 4px  
4px #75736B }
```

# Background

The CSS property to change the background color of an element to Hex 75736B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75736B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#75736B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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